

COAXIAL CABLE

RG-6 CABLE



Physical Dimensions

Component		Standard Shield
Conductor	Material	CCS/BC
	Dia.(mm)	1.02±0.01
Dielectric	Material	Foam PE
	Dia. (mm)	4.57±0.10
Shield	Material	Al Foil + Al Braid
	Coverage	40%-95%
Jacket	Material	PVC/PE
	Dia. (mm)	6.90±0.10
Messenger	Material	Galvanized Steel
	Dia. (mm)	1.30±0.01
		1.83±0.01

Mechanical Characteristics

Minimum Breaking Strength of Messenger Material	1.30mm 82kgf
	1.83mm 166kgf

Electrical Characteristics

Impedance(Ω)	75±3
Velocity of Propagation	83%
Capacitance(pF/m)	53.1
Structural Return Loss(\geq dB)	20

Attenuation [@ 68° F. (20° C)]

Frequency(MHz)	Maximum(dB/100m)
5	2.20
55	5.25
211	9.42
300	11.25
400	13.12
550	15.45
750	18.34
1000	21.46
1450	26.20

Attenuation [@ 68° F. (20° C)]

Frequency(MHz)	Maximum(dB/100m)
1800	28.90
2250	32.80
3000	39.00

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TL-RG6C	RG-6 co-axial Cable 75 Ohms

RG59 CABLE



Physical Dimensions

Component		Standard Shield
Conductor	Material	CCS/BC
	Dia.(mm)	0.81±0.01
Dielectric	Material	Foam PE
	Dia. (mm)	3.66±0.10
Shield	Material	Al Foil + Al Braid
	Coverage	40%-95%
Jacket	Material	PVC/PE
	Dia. (mm)	6.00±0.10

Electrical Characteristics

Impedance(Ω)	75±3
Velocity of Propagation	83%
Capacitance(pF/m)	53.1
Structural Return Loss(\geq dB)	20

Attenuation [@ 68° F. (20° C)]

Frequency(MHz)	Maximum(dB/100m)
5	2.92
55	6.40
211	11.78
270	13.29